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* * * * * * * * * * Welcome to STN International * * * * * * * * * *

| | | |
|---|---|---|
| NEWS 1 | | Web Page URLs for STN Seminar Schedule - N. America |
| NEWS 2 | | "Ask CAS" for self-help around the clock |
| NEWS 3 | AUG 09 | INSPEC enhanced with 1898-1968 archive |
| NEWS 4 | AUG 28 | ADISCTI Reloaded and Enhanced |
| NEWS 5 | AUG 30 | CA(SM)/CAplus(SM) Austrian patent law changes |
| NEWS 6 | SEP 21 | CA/CAplus fields enhanced with simultaneous left and right truncation |
| NEWS 7 | SEP 25 | CA(SM)/CAplus(SM) display of CA Lexicon enhanced |
| NEWS 8 | SEP 25 | CAS REGISTRY(SM) no longer includes Concord 3D coordinates |
| NEWS 9 | SEP 25 | CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine |
| NEWS 10 | SEP 28 | CEABA-VTB classification code fields reloaded with new classification scheme |
| NEWS 11 | OCT 19 | LOGOFF HOLD duration extended to 120 minutes |
| NEWS 12 | OCT 19 | E-mail format enhanced |
| NEWS 13 | OCT 23 | Option to turn off MARPAT highlighting enhancements available |
| NEWS 14 | OCT 23 | CAS Registry Number crossover limit increased to 300,000 in multiple databases |
| NEWS 15 | OCT 23 | The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded |
| NEWS 16 | OCT 30 | CHEMLIST enhanced with new search and display field |
| NEWS 17 | NOV 03 | JAPIO enhanced with IPC 8 features and functionality |
| NEWS 18 | NOV 10 | CA/CAplus F-Term thesaurus enhanced |
| NEWS 19 | NOV 10 | STN Express with Discover! free maintenance release Version 8.01c now available |
| NEWS 20 | NOV 20 | CAS Registry Number crossover limit increased to 300,000 in additional databases |
| NEWS 21 | NOV 20 | CA/CAplus to MARPAT accession number crossover limit increased to 50,000 |
| NEWS 22 | DEC 01 | CAS REGISTRY updated with new ambiguity codes |
| NEWS 23 | DEC 11 | CAS REGISTRY chemical nomenclature enhanced |
| NEWS 24 | DEC 14 | WPIDS/WPINDEX/WPIX manual codes updated |
| NEWS 25 | DEC 14 | GBFULL and FRFULL enhanced with IPC 8 features and functionality |
| NEWS 26 | DEC 18 | CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role |
| NEWS 27 | DEC 18 | CA/CAplus patent kind codes updated |
| NEWS 28 | DEC 18 | MARPAT to CA/CAplus accession number crossover limit increased to 50,000 |
| NEWS 29 | DEC 18 | MEDLINE updated in preparation for 2007 reload |
| NEWS 30 | DEC 27 | CA/CAplus enhanced with more pre-1907 records |

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

| | |
|---|---|
| NEWS HOURS | STN Operating Hours Plus Help Desk Availability |
| NEWS LOGIN | Welcome Banner and News Items |
| NEWS IPC8 | For general information regarding STN implementation of IPC 8 |
| NEWS X25 | X.25 communication option no longer available |

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 11:00:48 ON 05 JAN 2007

=> file reg

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 11:00:59 ON 05 JAN 2007
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 4 JAN 2007 HIGHEST RN 916790-89-1
DICTIONARY FILE UPDATES: 4 JAN 2007 HIGHEST RN 916790-89-1

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

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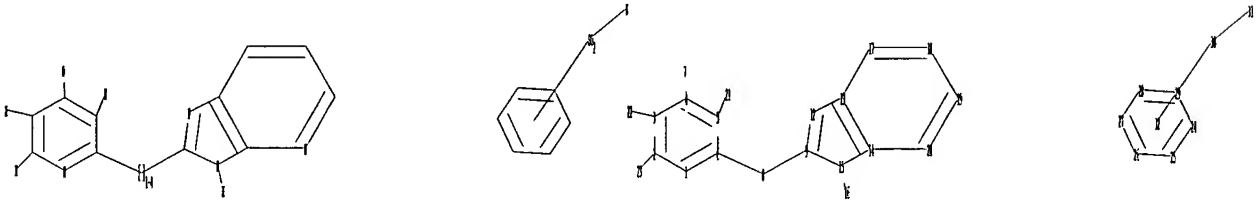


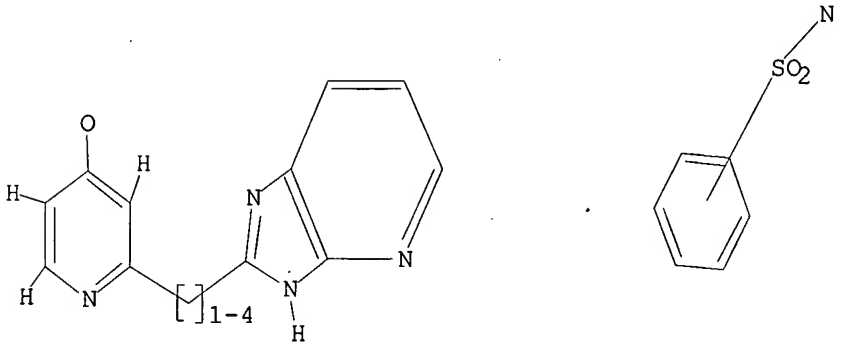
chain nodes :
7 8 16 21 22 23 30 31
ring nodes :
1 2 3 4 5 6 9 12 13 14 15 17 18 19 20 24 25 26 27 28 29
chain bonds :
2-23 3-22 4-7 5-21 6-8 8-9 15-16 30-31
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 9-12 9-15 12-13 13-14 13-17 14-15 14-20 17-18
18-19 19-20 24-25 24-29 25-26 26-27 27-28 28-29
exact/norm bonds :

4-7 9-12 9-15 12-13 14-15 30-31
exact bonds :
2-23 3-22 5-21 6-8 8-9 15-16
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 13-14 13-17 14-20 17-18 18-19 19-20 24-25
24-29 25-26 26-27 27-28 28-29

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 12:Atom
13:Atom 14:Atom 15:Atom 16:CLASS 17:Atom 18:Atom 19:Atom 20:Atom 21:CLASS
22:CLASS 23:CLASS 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:CLASS
31:CLASS 32:Atom

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR




Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 11:01:25 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5 TO 234
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 11:01:29 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 83 TO ITERATE

100.0% PROCESSED 83 ITERATIONS 38 ANSWERS
SEARCH TIME: 00.00.01

L3 38 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL

| | ENTRY | SESSION |
|---|---|---|
| FULL ESTIMATED COST | 172.10 | 172.31 |

FILE 'CAPLUS' ENTERED AT 11:01:35 ON 05 JAN 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 5 Jan 2007 VOL 146 ISS 3
FILE LAST UPDATED: 4 Jan 2007 (20070104/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> s l3 full
L4 3 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:300447 CAPLUS
DOCUMENT NUMBER: 142:373838
TITLE: Preparation of imidazopyridine derivatives as inducible NO-synthase inhibitors
INVENTOR(S): Fuchss, Thomas; Martin, Thomas; Boer, Rainer; Strub, Andreas; Eltze, Manfrid; Lehner, Martin; Ulrich, Wolf-Ruediger
PATENT ASSIGNEE(S): Altana Pharma A.-G., Germany
SOURCE: PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2005030771 | A1 | 20050407 | WO 2004-EP52378 | 20040930 |
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| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2004276015 | A1 | 20050407 | AU 2004-276015 | 20040930 |
| CA 2540083 | A1 | 20050407 | CA 2004-2540083 | 20040930 |
| EP 1675854 | A1 | 20060705 | EP 2004-787263 | 20040930 |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR

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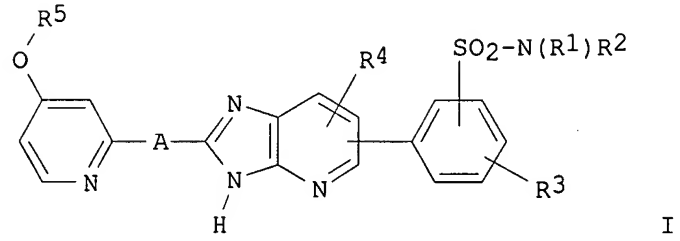
|---|---|---|---|---|
| CN 1856491 | A | 20061101 | CN 2004-80027592 | 20040930 |
| BR 2004014972 | A | 20061107 | BR 2004-14972 | 20040930 |
| NO 2006001344 | A | 20060324 | NO 2006-1344 | 20060324 |
| PRIORITY APPLN. INFO.: | | | EP 2003-22053 A | 20031001 |
| | | | WO 2004-EP52378 W | 20040930 |

OTHER SOURCE(S): MARPAT 142:373838

GI



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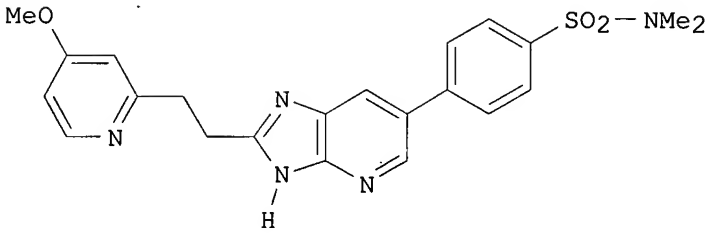


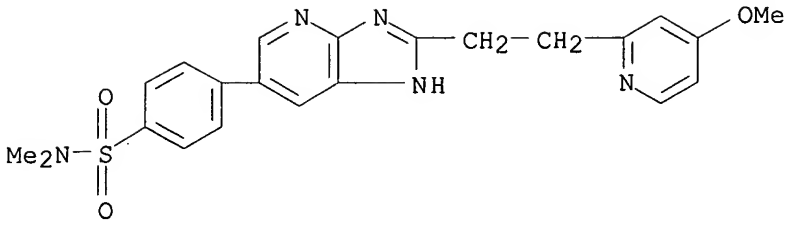
II

AB Title compds. I [R1 = H, alkyl; R2 = H, alkyl; R3 = H, halo; R4 = H, halo, alkyl, alkoxy; R5 = alkyl; A = alkylene] and their resp. pharmaceutically acceptable salts, are prepared and disclosed as inducible no-synthase inhibitors. Thus, e.g., II was prepared via Suzuki coupling of 2-[2-(4-methoxypyridin-2-yl)ethyl]-6-iodo-3H-imidazo[4,5-b]pyridine (preparation given) with N,N-dimethyl-4-bromobenzenesulfonamide. The activity of I towards inducible NO-synthase was evaluated in inhibition assays and revealed -logIC50 values in the range of 7.45 up to 7.86 mol/L. I as inducible NO-synthase inhibitors should prove useful in the treatment of acute and chronic inflammatory diseases.

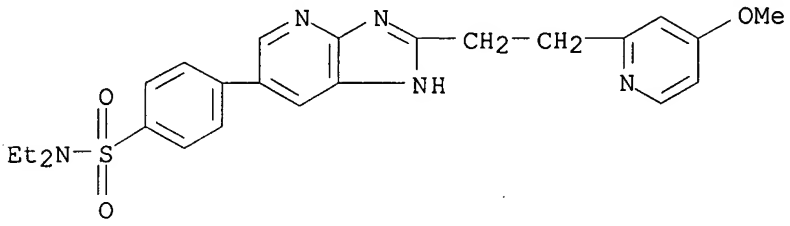
IT 849357-47-7P 849357-48-8P 849357-49-9P
849357-50-2P 849357-51-3P 849357-52-4P
849357-54-6P 849357-55-7P 849357-56-8P
849357-57-9P 849357-58-0P 849357-59-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of imidazopyridine derivs. as inducible NO-synthase inhibitors)

RN 849357-47-7 CAPLUS

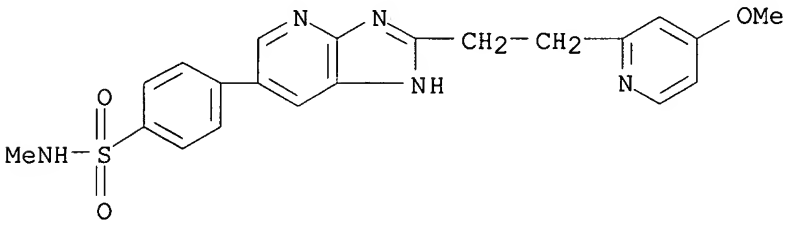
CN Benzenesulfonamide, 4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



RN 849357-48-8 CAPLUS
CN Benzenesulfonamide, N,N-diethyl-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



RN 849357-49-9 CAPLUS
CN Benzenesulfonamide, 4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-methyl- (9CI) (CA INDEX NAME)



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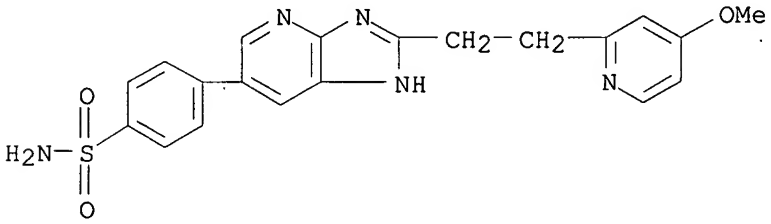

RN 849357-51-3 CAPLUS
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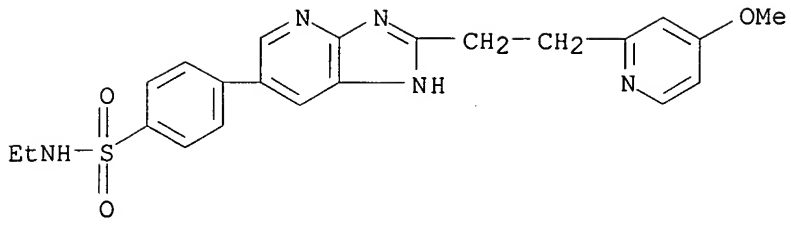
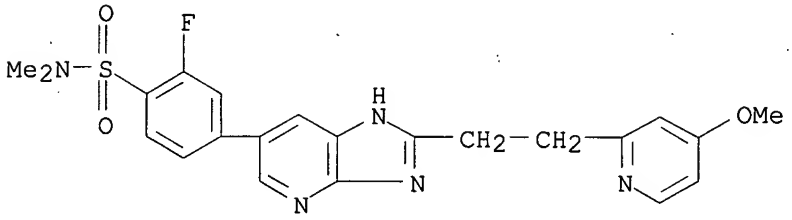


RN 849357-52-4 CAPLUS
CN Benzenesulfonamide, 2-fluoro-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



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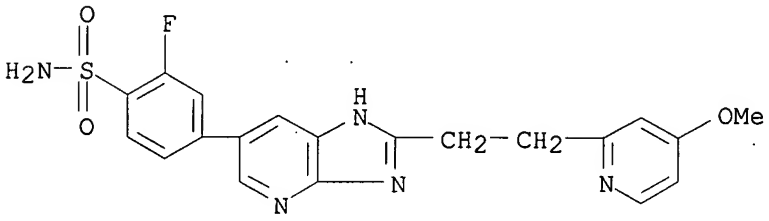
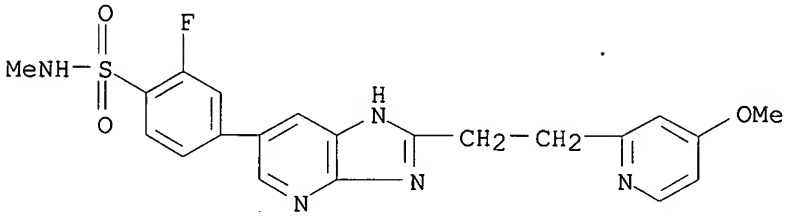


RN 849357-55-7 CAPLUS
CN Benzenesulfonamide, 2-fluoro-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-methyl- (9CI) (CA INDEX NAME)



RN 849357-56-8 CAPLUS
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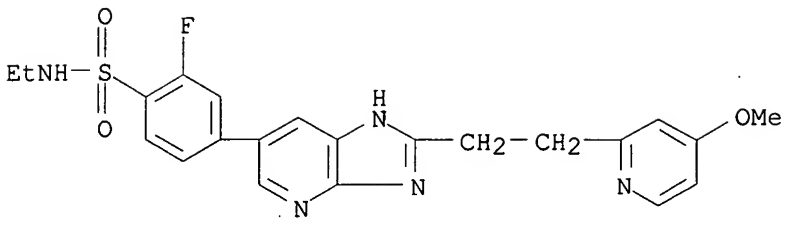
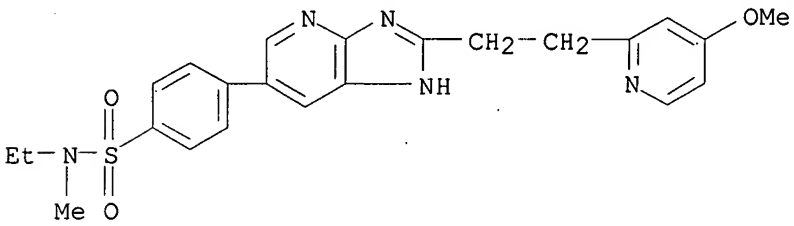


RN 849357-57-9 CAPLUS
CN Benzenesulfonamide, N-ethyl-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-methyl- (9CI) (CA INDEX NAME)



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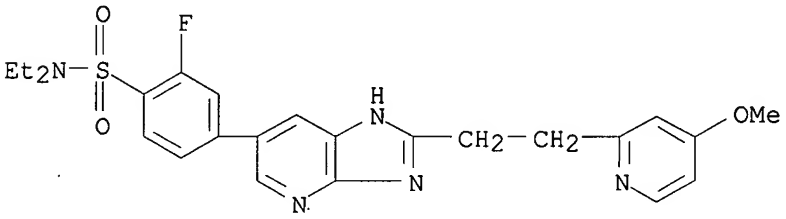
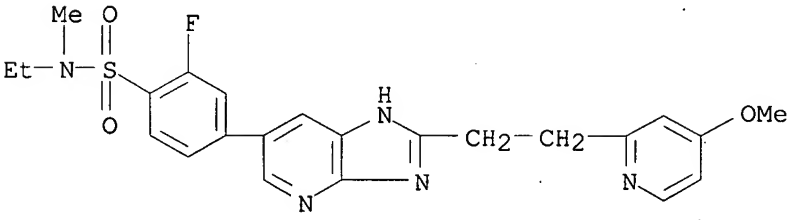


RN 849357-59-1 CAPLUS
CN Benzenesulfonamide, N-ethyl-2-fluoro-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:300446 CAPLUS
DOCUMENT NUMBER: 142:373837
TITLE: Preparation of imidazopyridine derivatives as inducible NO-synthase inhibitors
INVENTOR(S): Fuchss, Thomas; Martin, Thomas; Boer, Rainer; Strub,

Andreas; Eltze, Manfrid; Lehner, Martin; Ulrich, Wolf-Ruediger
PATENT ASSIGNEE(S): Altana Pharma A.-G., Germany
SOURCE: PCT Int. Appl., 66 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2005030770 | A1 | 20050407 | WO 2004-EP52377 | 20040930 |
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| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
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| EP 1670796 | A1 | 20060621 | EP 2004-787262 | 20040930 |
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| CN 1856495 | A | 20061101 | CN 2004-80027833 | 20040930 |
| BR 2004014933 | A | 20061107 | BR 2004-14933 | 20040930 |
| NO 2006001317 | A | 20060323 | NO 2006-1317 | 20060323 |
| US 2006293302 | A1 | 20061228 | US 2006-573202 | 20060324 |
| PRIORITY APPLN. INFO.: | | | EP 2003-22046 A | 20031001 |
| | | | WO 2004-EP52377 W | 20040930 |

OTHER SOURCE(S): MARPAT 142:373837
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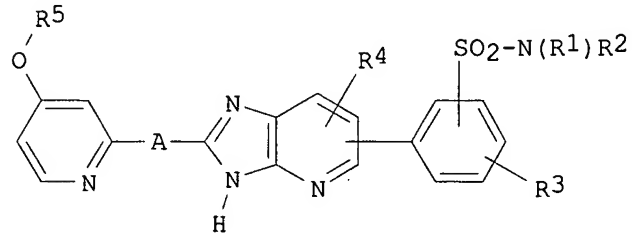

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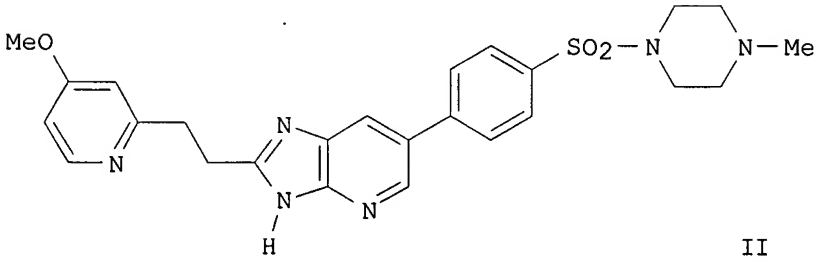
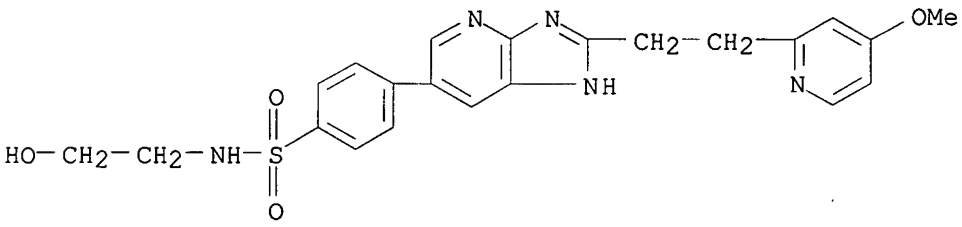


II

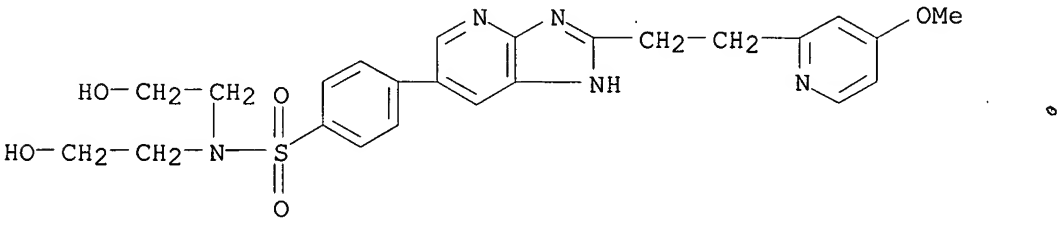
AB Title compds. I [R1 = H, alkyl, cycloalkyl, etc.; R2 = H, alkoxyalkyl, hydroxyalkyl, etc.; R3 = alkyl, CF3, completely or predominantly F-substituted alkoxy, etc.; R1 and R2 together = (un)saturated-, (un)substituted-nitrogen heterocycle; R4 = H, halo, alkyl, alkoxy; R5 = alkyl; A = alkylene] and their resp. pharmaceutically acceptable salts, are prepared and disclosed as inducible no-synthase inhibitors. Thus, e.g., II was prepared via Suzuki coupling of 2-[2-(4-methoxypyridin-2-yl)ethyl]-6-iodo-3H-imidazo[4,5-b]pyridine (preparation given) with 1-(4-bromo-benzene-sulfonyl)-4-methyl-piperazine. The activity of I towards inducible NO-synthase was evaluated in inhibition assays and revealed -logIC50 values in the range of 6.51 up to 7.89 mol/L. I as inducible NO-synthase inhibitors should prove useful in the treatment of acute and chronic inflammatory diseases.

IT 849530-98-9P 849531-00-6P 849531-02-8P
849531-04-0P 849531-06-2P 849531-08-4P
849531-10-8P 849531-12-0P 849531-14-2P
849531-16-4P 849531-18-6P 849531-20-0P
849531-50-6P 849531-58-4P 849531-60-8P
849531-62-0P 849531-64-2P 849531-66-4P
849531-68-6P 849531-70-0P 849531-72-2P
849531-74-4P 849531-80-2P 849531-82-4P
849531-84-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of imidazopyridine derivs. as inducible NO-synthase inhibitors)

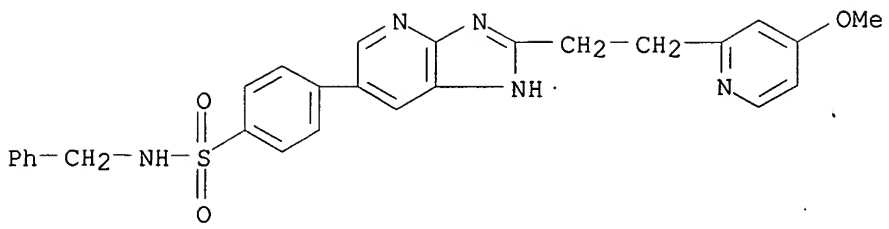
RN 849530-98-9 CAPLUS
CN Benzenesulfonamide, N-(2-hydroxyethyl)-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



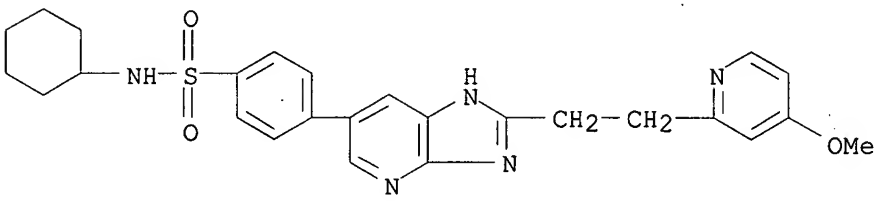
RN 849531-00-6 CAPLUS
CN Benzenesulfonamide, N,N-bis(2-hydroxyethyl)-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



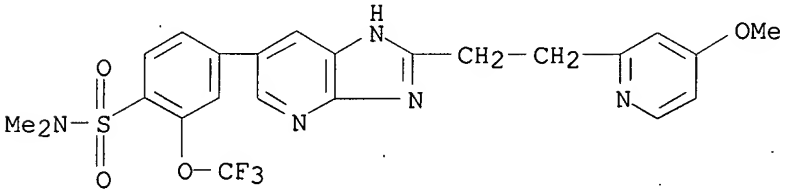
RN 849531-02-8 CAPLUS
CN Benzenesulfonamide, 4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-(phenylmethyl)- (9CI) (CA INDEX NAME)



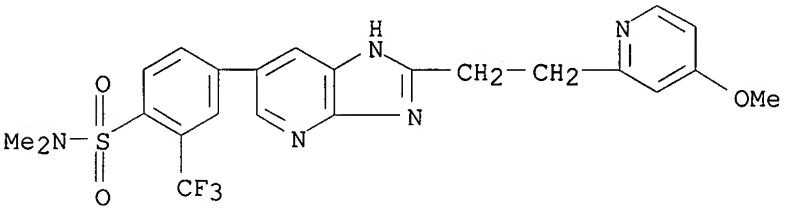
RN 849531-04-0 CAPLUS
CN Benzenesulfonamide, N-cyclohexyl-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



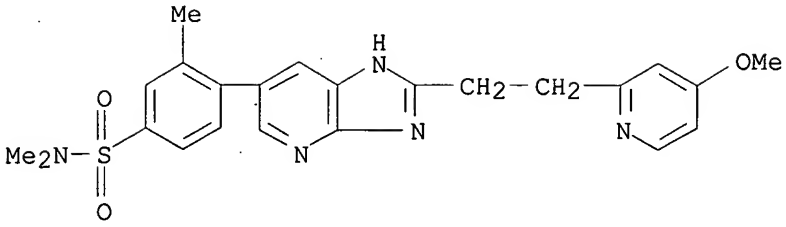
RN 849531-06-2 CAPLUS
CN Benzenesulfonamide, 4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N,N-dimethyl-2-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



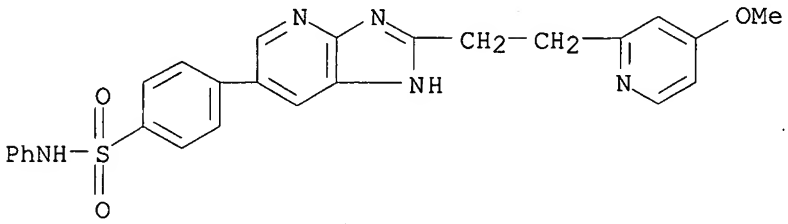
RN 849531-08-4 CAPLUS
CN Benzenesulfonamide, 4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N,N-dimethyl-2-(trifluoromethyl)- (9CI) (CA INDEX NAME)



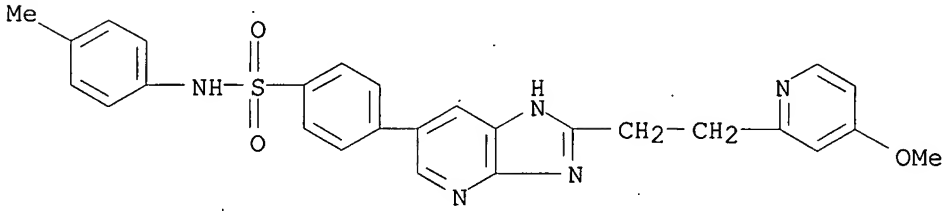
RN 849531-10-8 CAPLUS
CN Benzenesulfonamide, 4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N,N,3-trimethyl- (9CI) (CA INDEX NAME)



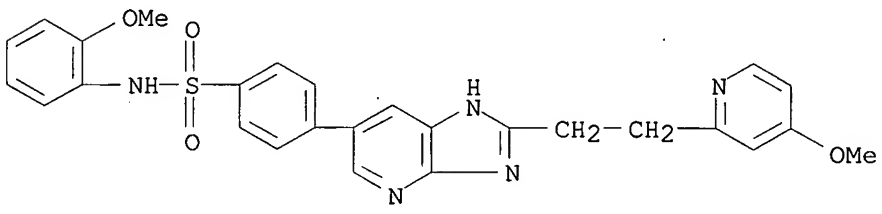
RN 849531-12-0 CAPLUS
CN Benzenesulfonamide, 4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-phenyl- (9CI) (CA INDEX NAME)



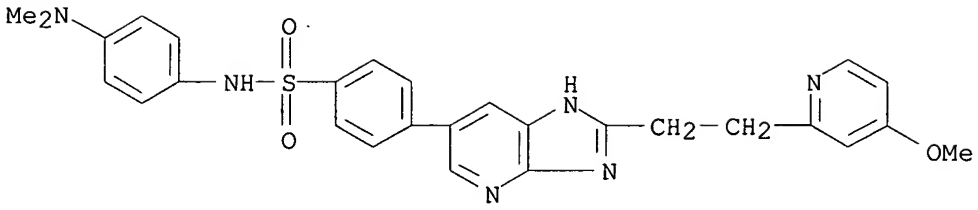
RN 849531-14-2 CAPLUS
CN Benzenesulfonamide, 4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-(4-methylphenyl)- (9CI) (CA INDEX NAME)



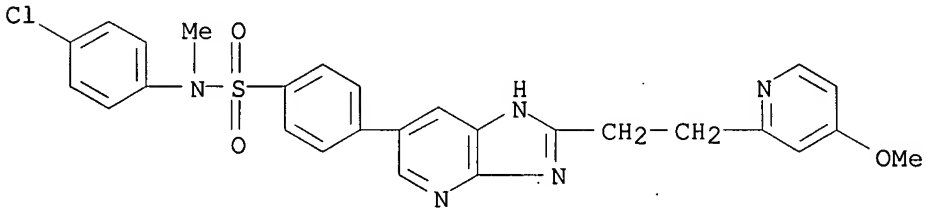
RN 849531-16-4 CAPLUS
CN Benzenesulfonamide, N-(2-methoxyphenyl)-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



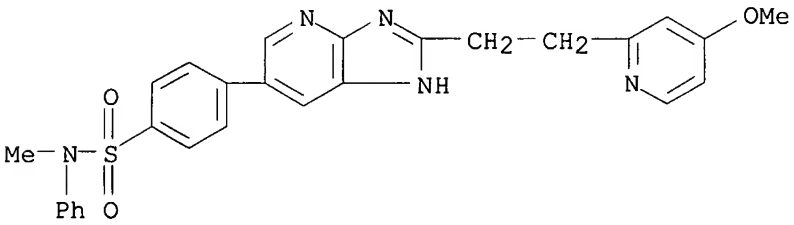
RN 849531-18-6 CAPLUS
CN Benzenesulfonamide, N-[4-(dimethylamino)phenyl]-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



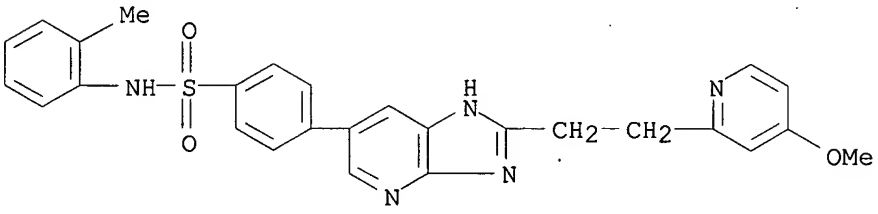
RN 849531-20-0 CAPLUS
CN Benzenesulfonamide, N-(4-chlorophenyl)-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-methyl- (9CI) (CA INDEX NAME)



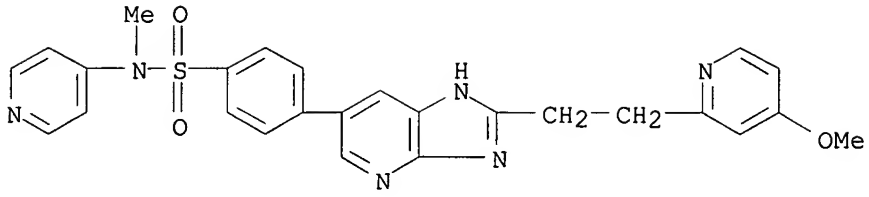
RN 849531-50-6 CAPLUS
CN Benzenesulfonamide, 4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-methyl-N-phenyl- (9CI) (CA INDEX NAME)



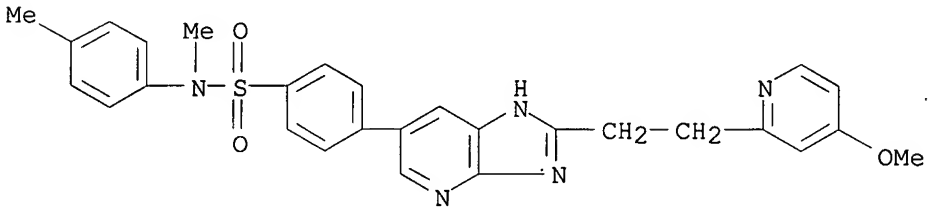
RN 849531-58-4 CAPLUS
CN Benzenesulfonamide, 4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-(2-methylphenyl)- (9CI) (CA INDEX NAME)



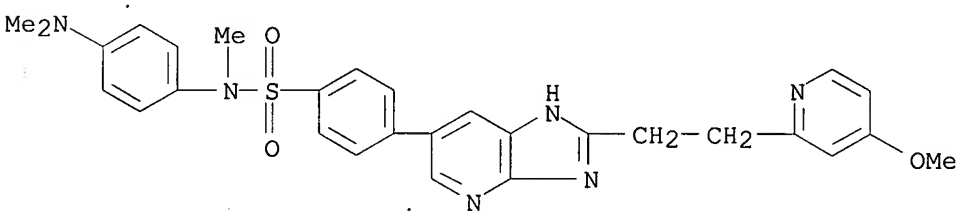
RN 849531-60-8 CAPLUS
CN Benzenesulfonamide, 4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-methyl-N-4-pyridinyl- (9CI) (CA INDEX NAME)



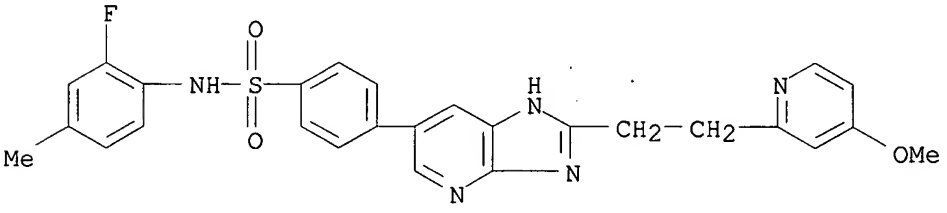
RN 849531-62-0 CAPLUS
CN Benzenesulfonamide, 4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-methyl-N-(4-methylphenyl)- (9CI) (CA INDEX NAME)



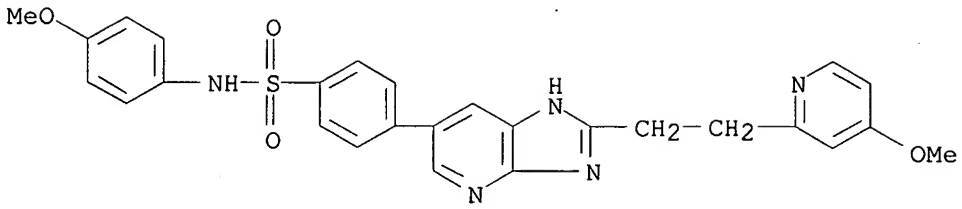
RN 849531-64-2 CAPLUS
CN Benzenesulfonamide, N-[4-(dimethylamino)phenyl]-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-methyl- (9CI) (CA INDEX NAME)



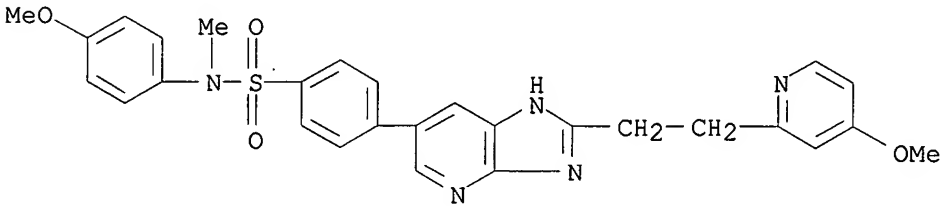
RN 849531-66-4 CAPLUS
CN Benzenesulfonamide, N-(2-fluoro-4-methylphenyl)-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



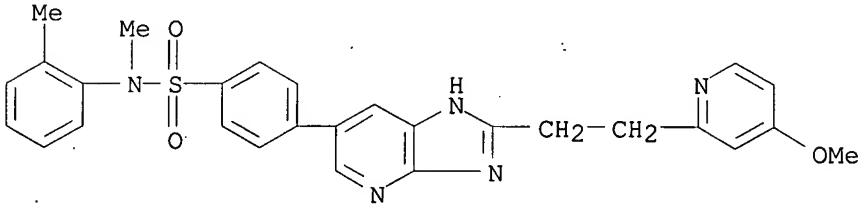
RN 849531-68-6 CAPLUS
CN Benzenesulfonamide, N-(4-methoxyphenyl)-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



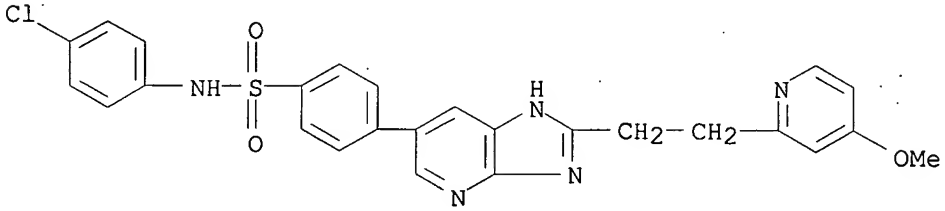
RN 849531-70-0 CAPLUS
CN Benzenesulfonamide, N-(4-methoxyphenyl)-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-methyl- (9CI) (CA INDEX NAME)



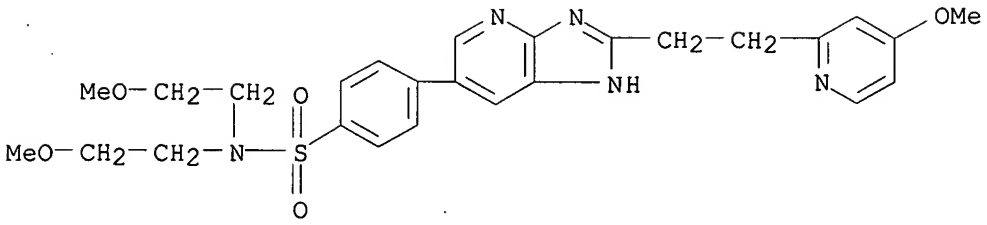
RN 849531-72-2 CAPLUS
CN Benzenesulfonamide, 4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]-N-methyl-N-(2-methylphenyl)- (9CI) (CA INDEX NAME)



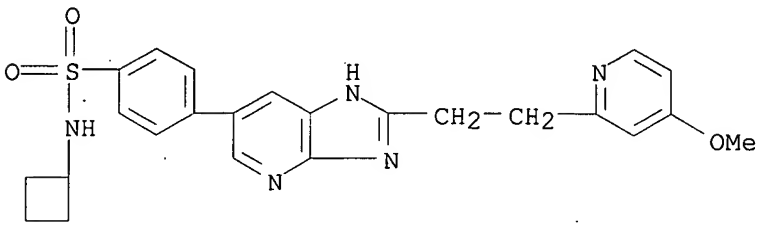
RN 849531-74-4 CAPLUS
CN Benzenesulfonamide, N-(4-chlorophenyl)-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



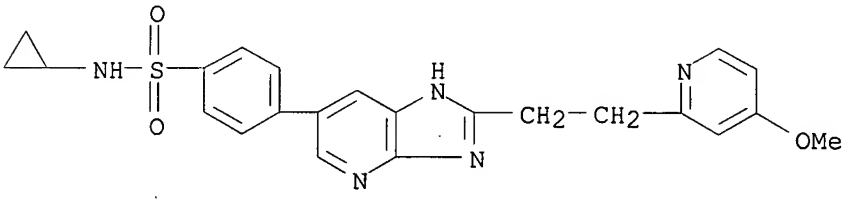
RN 849531-80-2 CAPLUS
CN Benzenesulfonamide, N,N-bis(2-methoxyethyl)-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



RN 849531-82-4 CAPLUS
CN Benzenesulfonamide, N-cyclobutyl-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



RN 849531-84-6 CAPLUS
CN Benzenesulfonamide, N-cyclopropyl-4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:777790 CAPLUS
DOCUMENT NUMBER: 139:292156
TITLE: Preparation of alkoxypyridines as inducible nitric oxide synthase (iNOS) inhibitors
INVENTOR(S): Boer, Rainer; Marx, Degenhard; Eltze, Manfrid; Klein, Thomas; Nave, Ruediger; Graedler, Ulrich; Fuchss, Thomas; Barsig, Johannes; Ulrich, Wolf-Ruediger
PATENT ASSIGNEE(S): Altana Pharma A.-G., Germany
SOURCE: PCT Int. Appl., 52 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2003080607 | A1 | 20031002 | WO 2003-EP3076 | 20030325 |

W: AE, AL, AU, BA, BR, CA, CN, CO, CU, DZ, EC, GE, HR, ID, IL, IN, IS, JP, KR, LT, LV, MA, MK, MX, NO, NZ, PH, PL, SG, TN, UA, US, VN, YU, ZA, ZW

RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR

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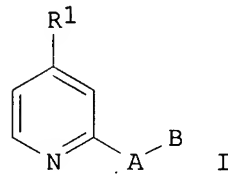
|---|---|---|---|---|---|
| CA 2480385 | A1 | 20031002 | CA 2003-2480385 | | 20030325 |
| AU 2003226706 | A1 | 20031008 | AU 2003-226706 | | 20030325 |
| EP 1490366 | A1 | 20041229 | EP 2003-744851 | | 20030325 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | | |
| BR 2003008785 | A | 20050111 | BR 2003-8785 | | 20030325 |
| CN 1642955 | A | 20050720 | CN 2003-806917 | | 20030325 |
| US 2005171125 | A1 | 20050804 | US 2003-509396 | | 20030325 |
| JP 2005525388 | T | 20050825 | JP 2003-578361 | | 20030325 |
| NZ 535959 | A | 20060526 | NZ 2003-535959 | | 20030325 |
| US 7138399 | B2 | 20061121 | US 2004-509396 | | 20040924 |
| NO 2004004633 | A | 20041223 | NO 2004-4633 | | 20041027 |
| PRIORITY APPLN. INFO.: | | | EP 2002-7049 | A | 20020327 |
| | | | WO 2003-EP3076 | W | 20030325 |

OTHER SOURCE(S): MARPAT 139:292156

GI



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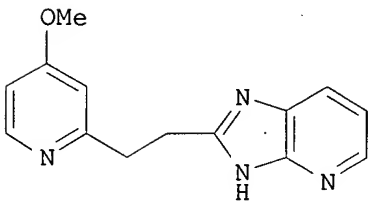


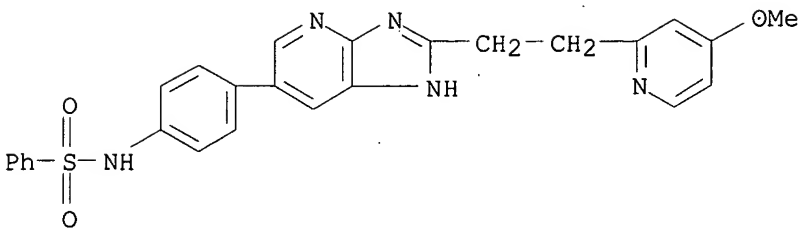
II


AB Title compds. I [wherein R1 = alkoxy; A = alkylene; B = (un)substituted 3H-imidazo[4,5-b]pyridin-2-yl, 9H-purin-8-yl; their salts, N-oxides, and salts of the N-oxides] were prepared as inducible NO-synthase (iNOS) inhibitor for treatment of acute inflammatory diseases and chronic inflammatory diseases of peripheral organs and central nervous system (CNS). For example, II (m.p. = 116-117°) was prepared by cyclocondensation of Me 3-(4-methoxypyridin-2-yl)propionate (preparation given) with 2,3-diaminopyridine in the presence of polyphosphoric acid at 160° for 1 h. Selected invention compds. inhibited iNOS with -logIC50 (M) in the range of 7.03-7.55. Thus, I and their pharmaceutical compns. are useful for treating acute inflammatory diseases, chronic inflammatory diseases of peripheral organs and CNS and cancer (no data).


IT 608880-84-8P, N-[4-[2-[2-(4-Methoxypyridin-2-yl)ethyl]-3H-imidazo[4,5-b]pyridin-6-yl]phenyl]benzenesulfonamide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(inducible NO-synthase inhibitor; preparation of alkoxypyridines as inducible NO-synthase inhibitors)

RN 608880-84-8 CAPLUS

CN Benzenesulfonamide, N-[4-[2-[2-(4-methoxy-2-pyridinyl)ethyl]-1H-imidazo[4,5-b]pyridin-6-yl]phenyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 11:00:48 ON 05 JAN 2007)

FILE 'REGISTRY' ENTERED AT 11:00:59 ON 05 JAN 2007
L1 STRUCTURE UPLOADED
L2 1 S L1
L3 38 S L1 FULL

FILE 'CAPLUS' ENTERED AT 11:01:35 ON 05 JAN 2007
L4 3 S L3 FULL

=> log y

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 17.22 | 189.53 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -2.34 | -2.34 |

STN INTERNATIONAL LOGOFF AT 11:03:36 ON 05 JAN 2007